

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Meulenberg et al.

Serial No.: 09/874,626

Filed: June 5, 2001

For: INFECTIOUS CLONES OF RNA
RIVUSES AND VACCINES AND
DIAGNOSTIC ASSAYS DERIVED
THEREOF

Examiner: U. Winkler, Ph.D.

Group Art Unit: 1648

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of U.S. patents have been submitted electronically pursuant to Pre-OG Notices <<http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/idswouscopies.htm>>(visited 9/15/2003). Copies of the acknowledgement receipt, listing of US references electronically submitted, fee transmittal and print screen including comments regarding fee are attached as Appendix A.

Copies of foreign patent documents and non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

Serial No.: 09/874,626

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

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| <u>U.S. Patent No.</u> | <u>Publication Date</u> | <u>Patentee</u> |
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In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, Applicants hereby identify the following listed copending applications naming a common inventor(s):

Attorney Docket No.: 2183-5051US
Serial No.: 09/948,747
Filing Date: 9/7/2001
Title: PRRSV VACCINE

Attorney Docket No.: 2183-2643.3US
Serial No.: 10/226,065
Filing Date: 8/21/2002
Title: CAUSATIVE AGENT OF THE MYSTERY SWINE DISEASE,
VACCINE COMPOSITIONS AND DIAGNOSTIC KITS

Attorney Docket No.: 2183-5584US
Serial No.: 10/300,699
Filing Date: 11/19/2002
Title: CHIMERIC ARTERIVIRUS-LIKE PARTICLES

Attorney Docket No.: 2183-5911US
Serial No.: 10/407,822
Filing Date: 4/4/2003
Title: ADAPTATION SITES OF PORCINE REPRODUCTIVE AND
RESPIRATORY SYNDROME VIRUS

Attorney Docket No.: 2183-4041.2US
Serial No.: 10/745,949
Filing Date: 12/23/2003
Title: INFECTIOUS CLONES OF RNA RIVUSES AND VACCINES
AND DIAGNOSTIC ASSAYS DERIVED THEREOF

Attorney Docket No.: 2183-4041.3US
Serial No.: 10/750,410
Filing Date: 12/30/2003
Title: INFECTIOUS CLONES OF RNA VIRUSES AND VACCINES
AND DIAGNOSTIC ASSAYS DERIVED THEREOF

Attorney Docket No.: 2183-4041.4US
Serial No.: 10/750,409
Filing Date: 12/30/2003
Title: INFECTIOUS CLONES OF RNA VIRUSES AND VACCINES
AND DIAGNOSTIC ASSAYS DERIVED THEREOF

Serial No.: 09/874,626

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) was authorized electronically when the U.S. references were submitted. The fee should only be incurred once, since this submission constitutes part of the total submission and includes the Form PTO/SB/08 listing all references (US, foreign and other). However, should it be determined that any fee is due, which has not been paid, the Office is authorized to withdraw the necessary funds from Trask Britt Deposit Account 20-1469.

Respectfully submitted,



G. Scott Dorland, Ph.D.
Registration No. 51,622
Attorney for Applicant(s)
TRASKBRITT, P.C.
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

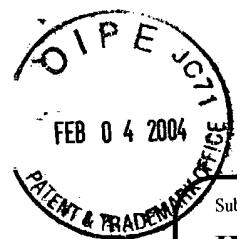
Date: February 4, 2004

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Enclosures: Form PTO/SB/08

Cited Foreign and Other Documents

Document in ProLaw



PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

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|------------------------|-------------------|
| Application Number | 09/874,626 |
| Filing Date | June 5, 2001 |
| First Named Inventor | Meulenberg et al. |
| Group Art Unit | 1648 |
| Examiner Name | U. Winkler, Ph.D. |
| Attorney Docket Number | 2183-4041.1US |

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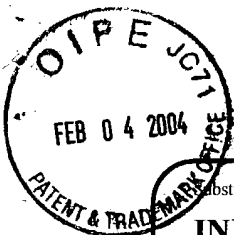
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | | 0 529 584 | 8/1992 | Boehringer Ingelheim Animal Health Inc. | | |
| | | EP 0595436 A2 | 10/1983 | Iowa State University Research Foundation, Inc. | | |
| | | EP 0732340 | 3/1996 | Akzo Nobel N.V. | | |
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| | | | | Filing Date | June 5, 2001 |
| | | | | First Named Inventor | Meulenberg et al. |
| | | | | Group Art Unit | 1648 |
| | | | | Examiner Name | U. Winkler, Ph.D. |
| Sheet | 2 | of | 10 | Attorney Docket Number | 2183-4041.1US |

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| | | Examiner Name | U. Winkler, Ph.D. | | |
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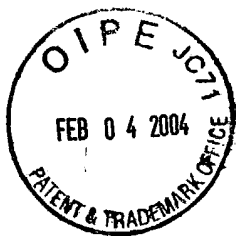
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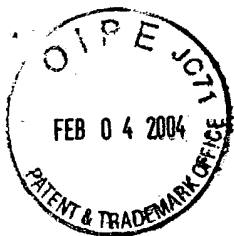
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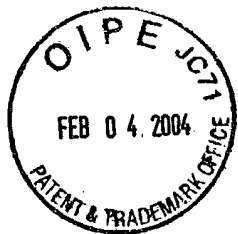
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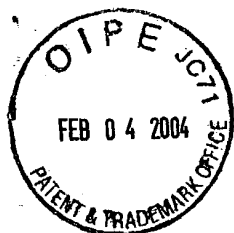
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| Examiner Signature | | Date Considered | |
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Sheet 8 of 10

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|------------------------|-------------------|
| Application Number | 09/874,626 |
| Filing Date | June 5, 2001 |
| First Named Inventor | Meulenberg et al. |
| Group Art Unit | 1648 |
| Examiner Name | U. Winkler, Ph.D. |
| Attorney Docket Number | 2183-4041.1US |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
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| | | | | Application Number | 09/874,626 |
| | | | | Filing Date | June 5, 2001 |
| | | | | First Named Inventor | Meulenberg et al. |
| | | | | Group Art Unit | 1648 |
| | | | | Examiner Name | U. Winkler, Ph.D. |
| Sheet | 9 | of | 10 | Attorney Docket Number | 2183-4041.IUS |

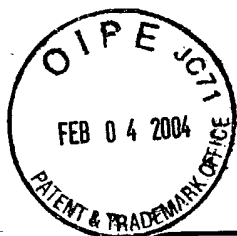
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Sheet 10 of 10

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| Application Number | 09/874,626 |
| Filing Date | June 5, 2001 |
| First Named Inventor | Meulenberg et al. |
| Group Art Unit | 1648 |
| Examiner Name | U. Winkler, Ph.D. |
| Attorney Docket Number | 2183-4041.1US |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

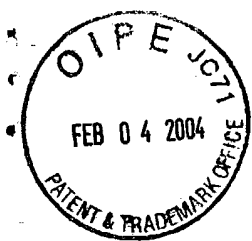
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|------------------------|--------------------------|---|----------------|
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| | | NC_002534, Lactate dehydrogenase-elevating virus, complete genome. | |
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| | | M96262, Lelystad virus, complete genome. | |
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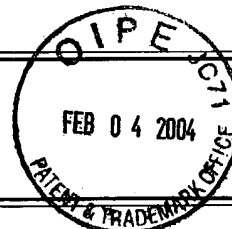
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Title of
InventionINFECTIOUS CLONES OF RNA VIRUSES AND VACCINES AND DIAGNOSTIC
ASSAYS DERIVED THEREOF

Submission Type: Information Disclosure Statement

Application Number: 09/874626

09/874626

EFS ID: 54168

Server Response:

| Confirmation Code | Message |
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First Named Applicant: Johanna Meulenberg

Attorney Docket Number: 2183-4041.1US

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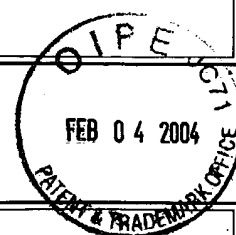
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Title of
InventionINFECTIOUS CLONES OF RNA VIRUSES AND VACCINES AND
DIAGNOSTIC ASSAYS DERIVED THEREOF

Application Number: 09/874626

09/874626

Confirmation Number: 9761

First Named Applicant: Johanna Meulenberg

Attorney Docket Number: 2183-4041.1US

Art Unit: 1648

Examiner: Ulrike Windler Ph.D.

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| | 1 | 3137631 | 1964-06-22 | Soloway | | | |
| | 2 | 3959457 | 1976-05-25 | Speaker et al. | | | |
| | 3 | 4015100 | 1997-03-29 | Gnanamuthu et al. | | | |
| | 4 | 4205060 | 1980-05-27 | Monsimer et al. | | | |
| | 5 | 4452747 | 1984-06-05 | Gersonde et al. | | | |
| | 6 | 4606940 | 1986-08-19 | Frank et al. | | | |
| | 7 | 4744933 | 1988-05-17 | Rha et al. | | | |
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| | 9 | 4927637 | 1990-05-22 | Morano et al. | | | |
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| | 11 | 5008050 | 1991-04-16 | Cullis et al. |
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| | 18 | 5620691 | 1997-04-15 | Wensvoort et al. |
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| | 29 | 6495138 | 2002-12-17 | van Nieuwstadt et al. |
| | 30 | 6500662 | 2002-12-31 | Calvert et al. |

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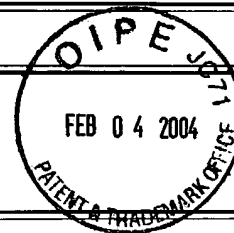
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Application Number: 09/874626 *09/874626*

Date: 2001-06-05

First Named Applicant: Johanna Jacoba Maria Meulenberg

Attorney Docket Number: 2183-4041.1US

Art Unit: 1648

Examiner: Ulrike Windler Ph.D.

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